

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
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AQUATIC

N/R

I014322-001

carp	Cyprinus carpio	1	incapacitation	Ingestion
catfish	Ictaluridae	1	incapacitation	Ingestion
goldfish	Carassius auratus	10	mortality	N/R

Vegetation

I026917-001

minnow	Cyprinidae	6	mortality	N/R
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PLANTS

No Data

I020998-013

grape	Vitis		plant damage	Drift
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I020459-020

ornamental			plant damage	Drift, spray
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I020998-014

ornamental			plant damage	Drift
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I021276-012

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I026643-001	locust			plant damage	Drift
	grape	Vitis	25000 acres	mortality	Drift
	canola	Brassica sp.	1,135 acres	mortality	Treated directly
	potato		>45%	plant damage	
I023787-531	wheat		1400 acres	plant damage	Drift
I020459-004	grape	Vitis		plant damage	Drift
I020998-015	grape	Vitis		plant damage	Drift
I020998-030	alfalfa	Medicago sativa		plant damage	Drift
I020998-036	wheat			plant damage	Drift
I020998-035	wheat			plant damage	Drift
I020998-032	winter wheat			plant damage	Drift
I020998-033	timothy-grass	Phleum pratense		plant damage	Drift
I020998-042	alfalfa	Medicago sativa		plant damage	Drift
I021276-015	ornamental			plant damage	Drift

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I021276-005	willow	Salix sp.		plant damage	Drift
I016139-002	wheat		40 acres	plant damage	Treated directly
I022217-043	soybean		21 acres	plant damage	Carryover
I022217-033	soybean		100% of 70 acres	plant damage	Treated directly
I022708-006	almond		50% of 40 acres	plant damage	Treated directly
<i>Alfalfa</i>					
I022450-015	alfalfa	Medicago sativa	37 acres	plant damage	Treated directly
<i>Berry, raspberry</i>					
I021457-006	blackberry	Rubus sp.	crop, field	plant damage	Drift, spray
<i>Corn</i>					
I021276-004	willow	Salix sp.		plant damage	Runoff
I016813-001	corn	Zea mays	80 acres	plant damage	Treated directly
I016814-001	corn	Zea mays	10-30 acres	plant damage	Treated directly
I016928-001	corn	Zea mays	75 acres	plant damage	Treated directly

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I016817-001	corn	Zea mays	20 acres	plant damage	Treated directly
	corn	Zea mays	100 acres	plant damage	Treated directly
I016905-001	corn	Zea mays	65 acres	plant damage	Treated directly
I016904-001	corn	Zea mays	150 acres	plant damage	Treated directly
I016941-001	corn	Zea mays	187 acres	plant damage	Drift, spray
I017601-001	corn	Zea mays	80 of 130 acres	mortality	Treated directly
	corn	Zea mays	40 acres	plant damage	Treated directly
I021500-010	corn	Zea mays	1,000 acres	plant damage	Treated directly
I021500-013	corn	Zea mays	18 acres	plant damage	Treated directly
I021500-076	corn, field	Zea mays	93 acres	plant damage	Treated directly
I021500-014	corn	Zea mays	74 acres	plant damage	Treated directly
I021500-011	corn	Zea mays	100 acres	plant damage	Treated directly
I022082-045	corn, field	Zea mays	100% of 130 acres		Treated directly
I022082-042	corn, field	Zea mays	100% of 252 acres		Drift & runoff

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I022450-014	corn	Zea mays	151 acres	plant damage	Treated directly
I022217-027	corn, field	Zea mays	100% of 61 acres	plant damage	Treated directly
I023444-045	corn	Zea mays	100% of 184 acres	plant damage	Treated directly
I022450-016	corn	Zea mays	290 acres	plant damage	Treated directly
I023444-046	corn	Zea mays	100% of 186 acres	plant damage	Treated directly
I023444-013	corn	Zea mays	100% of 25 acres	mortality	Treated directly
	corn	Zea mays	100% of 30 acres	plant damage	N/R
	corn	Zea mays	100% of 400 acres	plant damage	Treated directly
	corn	Zea mays	100% of 1500 acres	plant damage	Treated directly
I023444-020	corn	Zea mays	100% of 50 acres	plant damage	Treated directly
I023444-017	corn	Zea mays	100% of 400 acres	plant damage	Treated directly
I023444-018	corn	Zea mays	50% of 100 acres	plant damage	Treated directly
I023444-019	corn	Zea mays	100% of 33 acres	plant damage	Treated directly
I023444-021	soybean		100% of 60 acres	plant damage	Treated directly

Corn field

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I023082-036	corn, field	Zea mays	100% of 410 acres	plant damage	Treated directly
<i>Corn, field</i>					
I014597-046	corn, field	Zea mays	400 acres	plant damage	Treated directly
I016926-001	corn, field	Zea mays	8 acres	plant damage	Treated directly
I017153-001	corn, field	Zea mays	535 acres	plant damage	Treated directly
I016907-001	corn, field	Zea mays	20 acres	plant damage	Treated directly
I016595-037	corn, field	Zea mays	130 acres	plant damage	Treated directly
I016595-038	corn, field	Zea mays	20 acres	plant damage	Contamination
I016927-001	corn, field	Zea mays	179 acres	plant damage	Treated directly
I016909-001	corn, field	Zea mays	40 acres	plant damage	Treated directly
I022082-033	corn, field	Zea mays	100 of 138.2 acres	mortality	Treated directly
I023213-050	corn	Zea mays	66.7% of 1200 acres	plant damage	Treated directly
I024431-045	corn	Zea mays	75% of 240 acres	mortality	Drift, spray
I024202-018					

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I024295-032 I024295-046 I024295-038	corn	Zea mays	100% of 80 acres	plant damage	Treated directly
	corn	Zea mays	100% of 160 acres	plant damage	Treated directly
	corn	Zea mays	100% or 130 acres	plant damage	Treated directly
	corn	Zea mays	100% of 256 acres	plant damage	N/R
<i>Corn, sweet</i>					
I020459-034	grape	Vitis		plant damage	Drift
<i>Cotton</i>					
I015713-099	cotton	Gossypium	300 acres affected	plant damage	Treated directly
I015713-093	cotton	Gossypium	600 acres affected	plant damage	Treated directly
I015713-092	cotton	Gossypium	600 acres affected	plant damage	Treated directly
	cotton	Gossypium	600 acres affected	plant damage	Treated directly
	cotton	Gossypium	390 acres affected	plant damage	Treated directly
I015713-084	cotton	Gossypium	400 acres affected	plant damage	Treated directly
	cotton	Gossypium	800 acres affected	plant damage	Treated directly
	cotton	Gossypium	500 acres affected	plant damage	Treated directly
	cotton	Gossypium	1100 acres	plant damage	Treated directly
	cotton	Gossypium	500 acres	plant damage	Treated directly

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I015713-101	cotton	Gossypium	600 acres affected	plant damage	Treated directly
	cotton	Gossypium	700 acres	plant damage	Treated directly
	cotton	Gossypium	2300 acres affected	plant damage	Treated directly
	cotton	Gossypium	200 acres affected	plant damage	Treated directly
I015713-090					
I015713-102	cotton	Gossypium	1380 acres affected	plant damage	Treated directly
I015713-095	cotton	Gossypium	230 acres affected	plant damage	Treated directly
	cotton	Gossypium	300 acres	plant damage	Treated directly
I015713-104	cotton	Gossypium	140 acres affected	plant damage	Treated directly
	cotton	Gossypium	55 acres affected	plant damage	Treated directly
	cotton	Gossypium	80 acres affected	plant damage	Treated directly
I016595-040	cotton	Gossypium	140 acres affected	plant damage	Treated directly
I017480-001	cotton	Gossypium	20 acres	plant damage	Contamination
I020180-019	corn, field	Zea mays	1700 acres	plant damage	Drift, spray
I023044-006	wheat		40 acres	plant damage	Drift, spray
I020627-023	wheat		30% of 40 acres	plant damage	Drift, spray

CRP land

	ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
		winter wheat		200 acres	plant damage	Drift
<i>Fallow</i>	I021276-025	unknown tree			plant damage	Drift, spray
<i>Farm</i>	I023537-001	vegetable		40 acres	plant damage	Drift, spray
<i>Fence row</i>	I013883-016	barley	Hordeum vulgare	not given	plant damage	Drift, spray
		ornamental		not given	plant damage	Drift, spray
	I020459-017	unknown plant			plant damage	Drift
	I020627-039	unknown shrub			plant damage	Drift
<i>Field</i>	I026914-002	soybean		750	mortality	N/R
<i>Grape</i>	I023013-031	grape	Vitis	10 acres	plant damage	Drift
<i>Hay</i>	I020627-010	hay			plant damage	Drift

	ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
<i>hops</i>	I013884-002	grass		not given	plant damage	Drift
<i>lawn</i>	I021276-016	grass			plant damage	Drift
<i>Mint</i>	I014409-020	grape	Vitis	not given	plant damage	Treated directly
<i>N/R</i>	I020459-036	grape	Vitis		plant damage	Drift, spray
		locust		4	plant damage	Drift, spray
		ornamental		3	plant damage	Drift, spray
	I014409-002	alfalfa	Medicago sativa	half of alfalfa crop	plant damage	Drift
	I014409-004	dogwood	Cornus sp.	not given	plant damage	Drift
	I014409-009	unknown plant		not given	plant damage	Drift, spray
	I013883-020	canola	Brassica sp.	not given	plant damage	Drift, spray
	I013883-039	prune	Prunus sp.	not given	plant damage	Drift
	I021457-016					

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I021457-015	apple	Melus domestica	three plant crops	plant damage	Drift
	cherry	Prunus sp.	three plant crops	plant damage	Drift
	grape	Vitis	three plant crops	plant damage	Drift
I025619-019	ornamental		many	plant damage	Drift
	grape	Vitis	hundreds	plant damage	Drift
	pine	Pinus sp.	20	deformation	Drift
<i>Nursery</i>					
I023044-034	unknown plant		2,800 plants	plant damage	Drift
<i>orchard (almond)</i>					
I023097-011	almond		unknown	plant damage	Treated directly
	almond		60 acres	plant damage	Treated directly
<i>Ornamental</i>					
I023931-055	ornamental		1	plant damage	Treated directly
I020459-021	unknown aquatic plant			plant damage	Drift
	unknown plant			plant damage	Drift
<i>Plantation</i>					
I023154-001	douglas fir	Pseudotsuga menziesii	50%	mortality	Treated directly

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
<i>Potato</i>					
I013587-013	potato		unknown	plant damage	Treated directly
I013550-002	potato		65 acres	plant damage	Treated directly
<i>Residential</i>					
I024071-369	unknown tree		>45% of trees	mortality	Treated directly
<i>Right-of-way</i>					
I020459-008	apple	Melus domestica		plant damage	Drift
	pear			plant damage	Drift
I013883-010	bean	Phaseolus	not given	plant damage	Drift, spray
I020459-018	beet	Beta vulgaris		plant damage	Drift
I020459-014	ornamental			plant damage	Drift, spray
I020627-014	willow	Salix sp.		plant damage	Drift
I021276-022	ornamental			plant damage	Drift
<i>Right-of-way, railroad</i>					
I019519-045	celery		7 acres	plant damage	Drift, spray

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<i>Right-of-way, road</i>					
I020627-037	grape	Vitis		plant damage	Drift, spray
I020627-031	grape	Vitis		plant damage	Drift
I015832-001	pecan		1	plant damage	Drift, spray
I019442-001	clover	Trifolium sp.		plant damage	Drift
	grass			plant damage	Drift
	timothy-grass	Phleum pratense		plant damage	Drift
I021950-001	hay		1-2 acres	plant damage	Runoff
<i>Right-of-way, utility</i>					
I025563-001	soybean		50% of 1.5 acres	plant damage	Drift, spray
<i>Soybean</i>					
I017841-001	soybean		1500 acres	plant damage	Treated directly
I015748-004	soybean		22 acres affected	plant damage	Treated directly
I014702-078	soybean		314 acres	plant damage	Treated directly
I017598-001	soybean		211 acres	plant damage	Treated directly

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I021500-008	soybean		145 acres	plant damage	Treated directly
I021500-009	soybean		400 acres	plant damage	Treated directly
I021500-012	soybean		200 acres	plant damage	Treated directly
I022450-017	soybean		1200 acres	plant damage	Treated directly
I023495-010	soybean		58.2% of 160 acres	plant damage	Treated directly
<i>State game lands</i>					
I020459-006	grape	Vitis		plant damage	Drift, spray
<i>Tomato</i>					
I023008-003	tomato		40 acres	plant damage	N/R
<i>Tree farm/plantation</i>					
I022048-001	corn, field	Zea mays	1000 acers	plant damage	Drift, spray
<i>weed</i>					
I021276-020	grape	Vitis		plant damage	Drift
<i>Wheat</i>					
I020998-012	alfalfa	Medicago sativa		plant damage	Drift

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
I013883-017	spring wheat	Triticum aestivum	35 acres wheat	mortality	N/R
	wheat		15 miles	mortality	Drift
	wheat		not given	plant damage	Drift, spray
	locus trees		not given	plant damage	Drift, spray
	unknown tree			plant damage	Drift
I022917-001	wheat		100% of 27 acres	plant damage	Treated directly
<i>Wheat, winter</i>					
I017358-029	wheat, winter		101.7 acres	plant damage	Treated directly
I024905-003	wheat, winter		500 acres	plant damage	Drift & runoff
	winter wheat		686.5 acres	plant damage	Drift & runoff
I024905-001	winter wheat		732 acres affected	plant damage	Drift & runoff
	winter wheat		184.4 acres	plant damage	Drift & runoff
I024905-005	wheat, winter		28 acres	plant damage	Drift & runoff
I024905-006	winter wheat		69,42a of 143a	plant damage	Drift & runoff

TERRESTRIAL

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
<i>No Data</i>					
I026190-002	honey bee	Apis mellifera	4 millio	mortality	
I024270-001	bee	Apidae	48 colonies	mortality	Drift, spray
<i>Residential</i>					
I024123-001	unknown tree		5	mortality	Treated directly
I026902-001	honey bee	Apis mellifera	some	mortality	
<i>Right-of-way</i>					
I026256-001	hay			exposure only	Runoff
<i>Sunflower</i>					
I017576-001	american kestrel	Falco sparverius	1	mortality	Ingestion
	american robin	Turdus migratorius	1	mortality	Ingestion
	common grackle	Quiscalus quiscula	5	mortality	Ingestion
	horned lark	Eremophila alpestric	597	mortality	Ingestion
	kangaroo rat	Dipodomys sp.	unknown	mortality	Ingestion
	lark bunting	Calamospiza melanocorys	few	mortality	Ingestion
	mourning dove	Zenaida macroura	1633	mortality	Ingestion
	red-winged blackbird	Agelaius phoeniceus	5	mortality	Ingestion
	sparrow	Fringillidae	12	mortality	Ingestion
	unknown bird		150	mortality	Ingestion

ID #	Species	Scientific Name	Magnitude	Response	Rt. Exposure
	western meadowlark	Sturnella neglecta	5	mortality	Ingestion
<i>Turf, golf course</i>					
I020023-001					
	unknown fish		6	mortality	Runoff
<i>Unknown</i>					
I023703-013					
	cabbage	Brassica oleracea		plant damage	N/R

TERRESTRIAL/AQUATIC

Soybean

I025857-001					
	soybean		3621 acres	deformation	Treated directly